***Plate Tectonics Summative Assessment- How in the world?***

Students will pick a geological feature or Earth event and explain in detail how these are formed or occur through their understanding of plate tectonics. (i.e. Andes Mountains, 2004 Sumatra earthquake, etc.)

Each student must show and describe movements and effects of the movement on the feature that includes:

***1. A written assessment :***

-that explains how the feature was formed or changed by natural Earth processes or geological events

-many relevant details are included

-includes a scientific explanation of the plate tectonics is related to the Earth’s feature.

- includes appropriate vocabulary from Chapter 4 in the text

- uses writing conventions correctly- spelling, punctuation, etc.

***2. A visual:***

- that includes diagrams, illustrations, or models that show the feature

- movements are labeled to show how the feature was formed or event occurred

- relevant features are included and explained

- the scale and proportion is correct

- a key is included

3. ***References are appropriately cited***- use bibme, easybib, etc.

Some places you can use for information are the Landform Detective page from Jason.org- <http://content3.jason.org/resource_content/content/digitallab/9663/misc_content/public/landformdetectives.html>. The World Mountain Encyclopedia, <http://www.peakware.com/index.html>, has some great photos of mountain ranges and peaks.

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